

Aberdeen Proving Ground (APG) Science and Technology Board Meeting
September 18, 2000

1. The APG Science and Technology board convened at 1:00 on September 18, 2000.

2. Attendees at the meeting were:

Mr. Brian Simmons	U.S. Army Developmental Test Command (USADTC)
COL Drew Ellis	U.S. Army Aberdeen Test Center (ATC)
Mr. Art Kaff	USADTC
Ms. Jen Chew	USADTC
Dr. Jim LaCalle	Harford Community College (HCC)
Ms. Mary K. McLaughlin	Cecil Community College (CCC)
Dr. David Mortin	U.S. Army Materiel Systems Analysis Activity (USAMSAA)
Mr. Bob Kavetsky	U.S. Navy NAVSEA
Mr. Bob Gross	U.S. Army Soldier and Biological Chemical Command (USASBCCOM)
Mr. Tim Frazier	Army Test and Evaluation Command - North
Ms. Barbara Burgess	PM Chemical Demilitarization
Mr. Blake Sojonia	TRsG
Mr. Roy Albert	TRsG
Ms. Rita Savage	U.S. Army Ordnance Center and School (OCS)
Ms. Denise Carnaggio	Office of Economic Development (OED)
Mr. Bill Rutherford	OED
Mr. Rich Dimmick	U.S. Army Research Laboratory (ARL)
Ms. Pat McClung	Garrison, APG
Mr. Joe Swisher	Northeastern Maryland Technology Council (NMTC)
Mr. Jack Martin	TRI-S
Mr. Stephen Clark	USADTC

3. Mr. Simmons opened the meeting at 1305. Self-introductions were made by the membership. Mr. Simmons stated that the ATC Open House on 16 Sept was very successful to include a busy APG Business Development Office (BDO).

4. Mr. Clark reviewed the action items from the August APG S&T

Board meeting.

5.

a. Ms. Carnaggio briefed the Office of Economic Development and Marketing and Publicity subgroup reports. APG S&T Board was featured in the latest edition of the Harford County Daily Record Supplement. The Job Fair will be held on Oct 13, 11:00 at the APG Recreation Center. Booths have been sold out with 66 employers on line. OED Encourage all to attend. Many employers are from the MD and VA areas to include a number of contractors from APG. The greater Baltimore Technology Council's TECH night is Oct 24. Suggest that tenant organizations attend. Further information may be obtained on the GBTC Web Site at www.gb.techcouncil.org. The Maryland Technology Showcase is December 6 and 7 at the Baltimore Convention Center. Harford County and the APG BDO will have side-by-side exhibits. The APG BDO Ribbon cutting ceremony, scheduled for October 13, is on track. Presently, over 300 individuals are invited to the ceremony. Request that all S&T membership pass the word on this event throughout their organizations. This event will advertise to the state of MD that the APG BDO is here and open for businesses. **ACTION: Promote APG BDO ribbon cutting ceremony to their respective organizations. - All**

b. The OED and Marketing and Publicity subcommittee is prepared to help with the APG Industry day (high technology). Present planning calls for a 2-day event on 24 and 25 April. Mr. Simmons stated that Mr. Clark would be the POC for APG. Additionally, considerations for the event will include inviting MG Doesburg, Mr. Harkins, focus on the BDO role; briefings on high technology areas (Physics of Failure, nanomaterials, biotechnology), poster boards, industry speakers, and tours. We must pull the Maryland delegation into the event to lend support for the S&T/BDO efforts. All activities are requested to provide Mr. Clark with a POC. High Tech subcommittee has a huge role in putting this together. The requirement exists to move out now. Ms. Carnaggio stated that both the Edgewood and Aberdeen areas would be used. The NMTC will support as will the OED. **ACTION: Form committee to build the technology/industry day. - Mr. Clark. POC to be provided to Mr. Clark by all activities. - All**

c. Mr. Swisher briefed the NMTC report. Students were taught to model Anzio Annie and a shore gun at the Ordnance Museum as part of the CAD Computer Modeling Course as hosted by the NMTC. A total of 31 students completed the course, each receiving a \$300.00 scholarship.

The NMTC annual luncheon will occur in January featuring MD Business and Economic Development Secretary Mike Lewin. The NMTC is seeking to partner more with the Baltimore Technology Council. One method would be to meet with a high-powered corporate president from a Baltimore business. Hunt Valley has become a noted area for computer modeling for games. The S&T Board/NMTC should bring them in to create the tie between gaming simulation business and the military. The NMTC is seeking help for help in promoting the entire region based upon success stories. **ACTION: Provide success stories to NMTC - All**

d. Dr. LaCalle provided a briefing on higher education. Johns Hopkins University (JHU) had lots of nuts and bolts questions concerning the HEAT facilities, computer lab, etc. JHU is not ready to commit, as of yet. Dr. LaCalle believes the engineering school will commit to classes in spring 01, biotechnology in the summer 01. Dr. LaCalle will work with Mr. Clark on a visit by the Dean to APG (drive tank, etc.) Marketing will have to take place in November 00 for spring classes. Dr. LaCalle met with Towson University reference a Masters degree program. Towson has expressed great interest in bringing such courses to Harford County. Harford Community College is offering Microsoft certification training. **ACTION: Arrange visit by JHU Dean to APG - LaCalle/Clark**

e. Dr. Morton briefed the high technology initiative concerning Physics of Failure. Need a new name for this initiative. Mr. Simmons asked if there were any concerns concerning the adoption of initiative by the S&T Board. No objections were noted. **ACTION: Identify new private sector customers and funding streams. Jointly market capabilities to DoD and other governmental agencies. Joint briefings will be provided directly to customers as well as briefings to key GO/SES's. Develop Unfinanced Requirements (UFR's) for funding research to expand current capabilities (Transient PoF modeling, Environment and materials characterization; New failure mechanism models/CAD tool expansion. - Team members/BDO**

f. Ms. Savage briefed funding for Education. There has been 50 million dollars appropriated for Army University access on line at www.eARMYU.com in FY 01; 550 million dollars to be provided over the next 5 years. Ms. Savage will work with the Army Alliance in this issue. **ACTION: Discussions with Army Alliance on funding issues/applicability with APG. - Savage/Army Alliance**

g. Mr. Kavetsky provided a briefing on Indian Head's Workforce Initiative 2010. This initiative seeks to create the 2010 energetics workforce (scientists, engineers, and technicians) to serve the Fleet in key ordnance technologies. A partnership has been formed with the United States Naval Academy, the University of Maryland at College Park(UMCP) and College of Southern Maryland to provide energetics courses. Thrust areas include: Collaborative projects include both energetics and Microelectromechanical systems (MEMS). NAVSEA seeks to develop the next generation of NAVSEA energetics experts. Current activities include graduate level energetics curriculum development, cost share supporting technical courses for NAVSEA employees, technical conferences, and technical seminars. There is over \$1M in technical effort being conducted at UMCP. Working with community colleges in southern MD.

h. Mr. Sajonia provided a briefing on the recent BDO efforts. The BDO will work the three technology initiatives approved to date (biotechnology, nanomaterials, and physics of failure). The next major initiative will come on line in Jan 2001. Will continue to push all technologies at shows, etc. short of those designed to achieve center of excellence status or those requiring a major endeavor on the BDO's part. **ACTIONS: Assure that technology capabilities at APG are presented at trade shows.- APG BDO**

i. Mr. Simmons discussed BDO funding status. Mr. Sajonia will prepare a roadmap for next year to include funding requirements. The S&T Board's next meeting date is changed from October 30 to November 6. All members have a mandate to speak to supervisors concerning money to support funding for the BDO for the next year. **ACTION: Tenant supervisors to be briefed on funding requirements from their activities for the next fiscal year. - ALL. Prepare Roadmap and funding requirements - Mr. Sajonia**

6. The Board meeting concluded at 3:00.

7. Please note that the next APG S&T Board meeting will be held at 1:00 on November 6 vice October 30 at the HEAT Center

STEPHEN C. CLARK
APG S&T Board Coordinator